

Special Issue on
Diabetic Nephropathy: From Pathophysiology to Treatment

CALL FOR PAPERS

Diabetic nephropathy is one of the most common microvascular complications of diabetes and remains the primary cause of end-stage renal disease worldwide. It has been demonstrated that accumulation of advanced glycation end-products (AGE), altered intracellular metabolism associated with hyperglycemia, oxidative stress, and inflammation may be predominantly involved in evolution of diabetic nephropathy. Despite tremendous efforts that have been made in understanding and managing this progressive disease, serious problems continue to confront patients and physicians and the high prevalence of diabetic nephropathy has become public health concern. Therefore, there is a strong need to identify key molecules and pathways involved in the development/progression of diabetic nephropathy for developing novel therapy.

The main aim of this special issue is to provide a platform for advance in basic and clinical science on this topic. We invite submissions of original research as well as review articles that promote the understanding of pathogenesis of diabetic nephropathy.

Potential topics include but are not limited to the following:

- ▶ Key pathways involved in disease progression in patients and experimental model
- ▶ AGEs in diabetic nephropathy
- ▶ Inflammation and fibrosis in diabetic nephropathy
- ▶ Oxidative stress in diabetic nephropathy
- ▶ Novel biomarkers for early diagnosis and prognosis prediction
- ▶ Genetic and metabolomics studies from patients
- ▶ Advance in management of hyperglycemia, dyslipidemia, and hypertension in diabetic nephropathy

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jdr/dnpt/>.

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First Round of Reviews

Friday, 24 February 2017

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